



RECEIVED

JAN 28 2003

TECH CENTER 1600/2900

GP/1651

PATENT

#10B/RM
02-06-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lu-Kwang JU

Docket No.: UA-338

Serial No: 09/830,894

Examiner: Irene Marx

Filed: April 27, 2001

Group Art Unit: 1651

For: PRODUCTION OF BIOLOGICAL MATERIALS BY SIMULTANEOUS AEROBIC AND ANAEROBIC RESPIRATION

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

RESPONSE AND AMENDMENT A

Dear Sir:

Applicant, through his Attorney, respectfully responds to the Examiner's Office Action mailed October 16, 2002 as follows:

IN THE SPECIFICATION

Please replace the paragraph at page 11, lines 24-28 spanning page 12, lines 1-6 with the following amended paragraph:

B1
Facultative aerobic bacteria are those species of bacteria that can either utilize oxygen for respiration purposes under aerobic conditions, or can utilize alternative oxidants other than oxygen for respiration purposes in the absence of oxygen. Suitable species of facultative aerobic bacteria that may be used in the present invention include, but are not limited to, nitrate/nitrite respiration bacteria such as *Pseudomonas aeruginosa*, *Pseudomonas fluorescens*, *Paracoccus denitrificans*, *Micrococcus halodenitrificans*, *Klebsiella aerogenes*, *Escherichia coli*, and the like; hyperthermophilic Archaea bacteria such as *Acidianus*; and the fumarate respiration bacteria such as *Wolinella succinogenes*, *Escherichia coli* and *Proteus rettgeri*. A preferred facultative aerobic bacterium is that of the genus *Pseudomonas*.

Certificate of Mailing

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to: Commissioner for Patents, Washington, D.C. 20231.

SALVATORE A. SANTO
(type or print name of person signing paper)

AMH/ASL
(signature of person mailing paper)

1-16-03

(date)